



# Army HSMS Newsletter

15 FEBRUARY 2001

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## HSMS V2.3 UPDATE

The Army completed its functional software testing of HSMS v2.3 SP1 on 9 FEB 01. All findings were forwarded to the software developer for resolution. At this time, there are several minor problems and one, somewhat more significant issue with barcode printing, to be fixed. We expect a final build in March and maintain a spring date to initiate the fielding of the service pack.

### Upgrade Process

The upgrade process to HSMS v2.3 is well underway. All HSMS-site databases have been reviewed and a list of issues for correction has been forwarded to each site. To date, three of the 48 HSMS installations have cleaned or repaired their databases. Several requests for upgrading assistance, outside the normal upgrading process, have been received, and those requests are being reviewed on a case-by-case basis. Please contact the CAO for guidance concerning variations to the upgrading process. Once installations complete any identified issues, they will be scheduled for database conversion and upgrading to HSMS v2.3.

### Hardware Upgrades

Following the release of HSMS V2.3SP1, AEC will ship the new remote bar-coding hardware directly to installations. AEC will provide two scanners (Symbol PDT7240) and docking stations for each HSMS installation. The CAO has

been provided with technical specifications and POCs for the new hardware.

### Interfaces

The Logistics Interface Utility (LIU) has been lab tested against an HSMS v2.3 database. Our intent is to *beta* test the LIU at Fort Hood in March. The LIU will allow data transfer from SARSS/ILAP and IFS/Supply 2000 into HSMS, thereby reducing the need for double entry of data. We expect the LIU to be released in the spring.

Due to the significant redesign effort of HMIS, the development of an HMIS/HSMS interface has been deferred. The requirements for an HMIS interface will be reviewed at the next Configuration Control Board (CCB) for potential acceptance into HSMS v2.4.

### Crystal Reports

Twenty Crystal Reports have been converted to the v2.3 format and need to be validated against a v2.3 database. These twenty reports will be available from the CAO in March. The remaining seven reports will be converted and validated soon thereafter. After your installation is upgraded to v2.3, please contact the CAO to obtain the new Crystal Reports.

POC for this update is Joseph K. Weihs, P.E., USAEC/WPI, (410) 436-1221.

## IOC ACHIEVED AT FORT DETRICK!

The Functional User Training and Master Inventory Support Phases of HSMS implementation were conducted at Fort Detrick 6 November through 22 December 2000. Fort Detrick has now achieved another milestone to add to its accomplishments, having reached HSMS Initial Operational Capability (IOC). The Training and Master Inventory Team was comprised of five full time representatives from John J. McMullen Associates (JJMA). The team provided formal functional user training, entered inventory for IOC activities into HSMS, and provided on-site support for installation personnel in the form of On the Job Training (OJT) and troubleshooting. Fort Detrick's concept for IOC consisted of two HAZMARTs. One HAZMATR located in building 262 (Hazardous Material Management Office) with fourteen customer activities. The other HAZMART located in Site R (Director for Installation Support Supply). As a result of

installation efforts to reduce on hand hazardous materials, the Master Inventory Team was able to inventory the following six additional activities at Site R: The Refrigeration Shop, Roads and Grounds, Power support Shop, Electrical Shop, Equipment Yard Shop and the General Maintenance Shop. Fort Detrick is now well on its way toward obtaining Full Operational Capability (FOC) with the help of Mr. Clint Myers the new Application Data Base Manager (ADBM).

*Contributed by John J. McMullen Associates*

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## US ARMY EUROPE REUSE CENTER ORIENTATION WORKSHOP

In coordination with the US Army Europe (USAREUR) Deputy Chief of Staff, Logistics (DCSLOG) Hazardous Materials Reuse Center Initiative, US Army HSMS Program personnel provided a Reuse Center Orientation Workshop for Area Support Groups (ASGs) from 22-25 January 2001 in Würzburg, Germany. USAREUR has elected to implement Reuse Centers, supported by the HSMS software, as a first step towards HMMP compliance.

The principle objective of the USAREUR HMMP is to reduce the costs of acquisition and disposal of hazardous materials (HM) and to promote the safe storage, handling and use of HM in theater. The USAREUR DCSLOG Maintenance Division, Policy & Logistics Review Branch, is assigned the responsibility for overseeing the HMMP. The emphasis of the DCSLOG HMMP is on the following: Increasing training and awareness at all levels; Prolonging the useful life of HM by encouraging shelf-life extension on applicable items, and by establishing centralized management for large concentrations of HM; and, Buying "green". When units are given a choice in ordering products they will choose the product with the least potential for damaging the environment.

The workshop was open to each ASG and Base Support Battalion (BSB). Forty-five attendees participated in the workshop. Each USAREUR ASG was represented by at least two personnel. Activities included HSMS Program slide presentations, local Reuse Center tours, and group workshops geared towards developing implementation plans and operational concepts at the ASG level.

Special thanks is extended to Mr. Ray Stead, Mr. Klaus-Peter Fränger, Mr. Lothar Rückert, Mr. Albrecht Nöth, and all of the 417<sup>th</sup> BSB personnel for their presentations, tours and hospitality.

The functional workshop exercise held on the last day was a terrific success. For many ASGs, this workshop presented the first occasion for logistics and environmental personnel

to meet and discuss HM management. Those familiar with the HSMS Program understand how very crucial it is to establish partnering relationships for successful implementation. Attendee comments from the USAREUR workshop suggest that these critical partnering relationships were initiated:



Personnel from the 26<sup>th</sup> ASG (above) discuss possible implementation scenarios.

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*"Great idea to get DPW and DOL together. I learned a lot, gained great ideas, and made good contacts."*

*"Overall great educational experience for me. Program has a lot of potential with Command backing."*

*"Great opportunity for DOL and DPW to get together and share ideas."*

*"Even though we have an established Reuse Center, I was able to extract additional material which would enable me to better by operation. Most of all I was afforded the opportunity to interface with other ASG's passing on our experiences good or bad."*

*"The ideas of EMO and DOL were both presented and we have a good start for both organizations to work together."*

*"It offered a great opportunity for DOL and DPW to begin cooperating and coordinating toward a successful united venture."*

*"I am very positive that once our ASG has a plan and a little structure [the HSMS Program] will be a complete success."*

*"The concept of reuse centers is not only good, but imperative for host nation relations, environmental protection, and cost reduction."*

*Contributed by Kristin Wray, Dynamac Corporation*



The 104<sup>th</sup> ASG personnel (above) present their ideas generated during the workshop.

## UPGRADE PROCESS

The following depicts the steps that will be followed in the upgrade process from installations operations HSMS version 2.2 to version 2.3.

1. AEC coordinates the HSMS upgrade plan with the MACOMS and directs PO-HSMS/ SAIC to initiate the upgrade plan.
2. PO-HSMS/SAIC will notify all installations that their database is requested for conversion from HSMS V2.2 to V2.3. TNOSC-managed servers will have their databases pulled via TNOSC. Others will transmit their .dmp file to SAIC.
3. The Installation in coordination with SAIC/TNOSC will convert the databases, and the installations will be responsible for correcting errors or conditions that may exist with the database.
4. The installation ADBM will acknowledge receipt of the error report and will estimate the time to repair the database. Once corrected, the ADBM will transmit the .dmp file to SAIC.
5. SAIC will verify that the database was fixed, coordinate an implementation schedule, and develop a CD with load instructions.
6. SAIC dispatches CD to the installation.
7. The ADBM will contact the CAO to confirm the implementation date and verify that the server and workstations are prepared for the software upgrade.
8. TNOSC/ADBM conducts backup and converts database. ADBM converts workstations and reports status to CAO.

9. CAO reports status to PO-HSMS and AEC.

*POC on the upgrade process is Joseph K. Weihs, P.E., USAEC/WPI, (410) 436-1221.*

## PROGRAM MEMORANDUMS

The following program memorandums were recently issued by the AEC Program Management Office to clarify specific activities on-going within the program. They are provided herein to gain widest dissemination possible:

### **SUBJECT: Exceptions Policy to the HSMS V2.3 Upgrade Plan**

The purpose of this memorandum is to provide guidance to installations requesting exceptions or variations to the HSMS 2.3 conversion process. Currently, the Customer Assistance Office (CAO) is in the process of converting all site databases and upgrading to the HSMS V2.3 application. The conversion/upgrading process was described and distributed in the HSMS Update on 1 DEC 00 (attached). We have received many informal requests initiated by the sites for variations to the established process or additional support from the CAO. Those installations that are not ready to be converted/ upgraded will be deferred so that installations prepared for upgrading can be completed. This deferral will allow the installation ADBM time to correct problems with their database. The CAO will monitor the conversion process and report to PO-HSMS and AEC weekly via the CAO report. The plan was designed to upgrade as many installations as soon as possible without committing valuable resources to a few installations. Unfortunately, at this time, we have limited resources and cannot provide additional support to individual installations.

Installations may request an exception from the conversion process by submitting a memorandum to AEC (Commander, USAEC, ATTN: AFIM-AEC-ETP (Joe Weihs), 5179 Hoadley Road, APG, MD 21010-5401) stating the reason for the exception/variation. AEC recommends copy furnishing their MACOM HSMS POC. The AEC will determine if they can accommodate the request and notify the installation, MACOM, and CAO.

### **SUBJECT: Program Support of Hardware and Software**

Over the past several years, AEC has purchased various hardware and software in support of the HSMS program. In the near future AEC will purchase Symbol Technology bar-code scanners to support the next software service pack release (HSMS V2.3SP1). It has come to our attention that installations have purchased or intend to purchase hardware/equipment to support their HSMS operations. The AEC has provided the CAO with technical specifications and contract information for the hardware it

plans to purchase. Installations and MACOMs are reminded that only hardware and software purchased by AEC will be supported by the CAO.

*POC on the upgrade process is Joseph K. Weihs, P.E., USAEC/WPI, (410) 436-1221.*

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## CRYSTAL REPORTS MODIFICATION

*Can you use your old HSMS 2.2 Crystal Reports with the new HSMS 2.3 database?*

Well...**yes and no**. Many tables within the 2.3-database are unaltered from 2.2 while others have undergone minor updates that will allow your reports to be used following simple modifications. Other tables have been significantly altered or the data is managed using multiple tables. In these situations, the modification may be too lengthy or impossible so you might be better off starting from scratch.

Review your data dictionary and data diagram and compare it to the new HSMS 2.3 structure to see what course of action you should take:

1. Modified Report or
2. New Report.

The steps below assume that you can modify your report. You will use the **Map Fields** function to modify an existing Crystal Report that may require alteration simply because of a change in field names.

The Crystal Report Designer provides a dialog box for mapping altered database fields. If the database is edited or changed, and causes errors in a report, you do not need to delete or replace the affected fields. Instead, you can remap them. This lets you get your 2.2 reports up and running again with the new database in a very short amount of time.

The Crystal Reports Designer will automatically generate the **Map Fields** dialog box when you need it. The **Map Fields** dialog box allows you to link report fields to their corresponding database fields when changes have been made to the structure of the database or when you use a report provided to you from another installation. In this way, the dialog box helps you to make sure your reports print with the current version of the active 2.3 database.

When you create a report, the report draws its fields from the database as it exists at the time. When the database changes from 2.2 to 2.3, the program needs to adapt the report to the new structure.

You can display the **Map Fields** dialog box by choosing any of these commands in the **Database** Menu:

- **Verify Database,**

- **Verify On Every Print,**
- **Set Location, and**
- **Convert Database Driver.**

You can use each of these commands for a specific function; however, any of these commands will open the **Map Fields** dialog box if Crystal Reports detects a mismatch between the field names in the report and field names in the database. In order to detect any possible mismatches, Crystal Reports checks each field name in the report and will display the **Map Fields** dialog box if mismatches are detected.

The **Map Fields** dialog box contains four list boxes:

1. The upper-left list box displays the names of all unmapped report fields. The top name is selected by default.
2. The upper-right list box displays the names of unmapped database fields. Since the **Match Type** check box is toggled on by default, this list box displays only the names of unmapped database fields of the same type as the unmapped report field you selected in the upper-left list box. To display all the unmapped database fields regardless of type, toggle the **Match Type** check box off.
3. The lower-left list box displays the names of mapped report fields. When you map report fields in the upper list box, they will appear in the lower list box.
4. The lower-right list box displays the names of the mapped database fields. When you map the database fields in the upper list boxes, they will appear in the lower list box.

For each database field that you have changed, select the report field and the database field in the upper sections and click **Map**. The field names will move from the upper list boxes to the lower list boxes.

You do not have to remap every report field. For example, if a 2.2 database field has been deleted, it is not necessary to remap its corresponding report field, since you will not need that field in your report. You may have to find that that field in another table and link it to your report if you still need the deleted field. You can click OK to close the dialog box without remapping every field in the upper-left list box.

On some occasions, you might want to unmap or unlink report and database fields that you have already mapped. For example, you might mistakenly map the wrong fields or want to map a report field to a database field that you already mapped. In these cases, you can select a report field in the lower list boxes and click **Unmap**. The field names will move from the lower list boxes to the upper list boxes.



The Crystal Report Designer does not automatically update your report data after you close the **Map Fields** dialog box. Make sure you click the **Refresh** button if you want to update your report data.

*Contributed by Jerry Hartley, Dynamac Corporation*

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## **! IMPORTANT !** **HSMS TRAINING DATES**

The HSMS v2.3 ADBM schedule is as follows:

- **24 April – 2 May 2001** at the AEC Computer Training Facility, Aberdeen Proving Ground-Edgewood Area, (APG-EA) MD (16 slots available)

### **ADBMs have first priority for available course slots.**

Army GS employees, followed by installation on-site HSMS contractors, Corps of Engineer HSMS implementation contractors and others are welcome to attend on a space available basis. The course is open to all personnel with Army HSMS associated individuals having priority. The AEC funds the course instruction. In addition, AEC provides travel/per diem funding for one attendee **per newly implementing installation**. Replacement ADBMs or additional personnel must be funded by the respective site or organization for the travel and per diem.

**For more information on ADBM Training or to register, please contact:**

Bert Walker/Anteon Corp. - Project Office HSMS  
Comm (703) 806-3059 \* DSN 656-3059  
FAX (703) 806-0509 EFAX (801) 382-2133  
[walkerb@peostamis.belvoir.army.mil](mailto:walkerb@peostamis.belvoir.army.mil)

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**Functional User Training - Sustainment (FUT-S).** FUT-S is new (FY01) additional hands-on user training available to installations that have implemented HSMS. FUT-S is designed as non-installation specific hands-on user training which is geared toward new users or users looking for refresher training on the functionality of the HSMS software. FUT-S instruction includes all HSMS software modules. FUT-S provides installations with a mechanism to help train personnel who are new to the program due to personnel rotation and support for advanced learning initiatives.

**The FUT-S schedule is as follows:**

- **24-26 April 2001** - at the AEC Computer Training Facility, APG-EA, MD (12 slots available)
- **10-12 July 2001** - at the AEC Computer Training Facility, APG-EA, MD (16 slots available)

**NOTE: If your installation has HSMS Users that did not or were not able to attend v2.3 transition training then AEC highly recommends the FUT-S.** The AEC funds the course instruction. Installations or the sending organization must fund the attendee travel and per diem for course attendance. For more information on FUT-S Training or to register, please contact: HSMS Customer Assistance Office (CAO) at 1-888-800-7242 or [hsms@saic.com](mailto:hsms@saic.com)

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## **HSMS WEBPAGE**



New information has been posted to the HSMS Webpage at <http://aec.army.mil> Click on the HSMS Logo.

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## **WEB SITES FOR MATERIAL SAFETY DATA SHEETS (MSDS)**

Army users may now access a DoD web site to view and print MSDSs. The web site is operated by the Defense Logistics Information Service and contains the same data that is available on the Hazardous Materials Information System quarterly CD-ROMs (DoD 6050.5-L). The web site is at <http://www.dlis.dla.mil/hmis/> For further information, contact Sandy Gorba, U.S. Army Packaging, Storage, & Containerization Center, DSN: 795-6622 or Pat Cowin, U.S. Army Center for Health Promotion and Preventive Medicine, DSN: 584-5484.

HazMat on the Web is also available via this Air Force website [www.hazmat48.wpafb.af.mil](http://www.hazmat48.wpafb.af.mil) and provides free access to such information as MSDSs, Environmental Safety and Occupational Health (ESOH) information, and EPA/DOT/OSHA/NRC rules and regulations. HazMat on the Web is used widely throughout the Air Force in many Environmental, Safety and Occupational, Health organizations, as well as other base support, research and development, and acquisition agencies. HazMat on the Web provides centralized access to information for specialists

such as Industrial Hygienists, Health and Safety Professionals, HazMat Teams, Environmental Experts, Toxicologists, and Occupational, Primary Care and Emergency personnel. If you have any suggestions or comments, please email Pam Hixon at [pam.hixon@wpafb.af.mil](mailto:pam.hixon@wpafb.af.mil) or Glerick Dale at [glerrick.dale@wpafb.af.mil](mailto:glerrick.dale@wpafb.af.mil). For immediate support, you can call (DSN) 785-6815 or (commercial) 937-255-6815.

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## NEW ADBMS?

Due to a variety of circumstances, installations may experience personnel turnover/change. If your installation experiences a change in ADBM personnel, PLEASE contact the CAO ASAP at (888) 800-7242 or [hsms@saic.com](mailto:hsms@saic.com) with the contact information for the new ADBM.

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## NEW INSTALLATION POC?

As installations experience personnel turnover, the installation HSMS POC may change. If your installation experiences a change in the HSMS POC, PLEASE contact Mr. Bill Tagalicod at (410) 436-1241 or [william.tagalicod@aec.apgea.army.mil](mailto:william.tagalicod@aec.apgea.army.mil) with the new contact information.

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## PROBLEM REPORTS

### PROBLEM:

*I was looking at the GCAS table and was wondering what the purpose of the `gcas_tot_wgt_oh` field is? It seems to be a running total of some sort but I was wondering where the number came from and also if it is required by EPA for any reports?*

### RESOLUTION:

The `gcas_tot_wgt_oh` is an accumulation field used to track the on hand weight of each chemical. Among other things, the information is used in a comparison to the TPQ limits (if set) and is also used for calculations in the EPCRA report.

### PROBLEM:

*The user has a NSN that was entered into the database as a 3.00 FL TU. The NSN is for a 2.8 FL TU. There are quantities on hand in both databases for this NSN. In one database, the user went to the Update NSN UOM/UOU and changed 3.00 FL TU to 2.80 FL TU and saved to text file with no problems. In the other database, the user attempted to do this and received the following error: **ERROR: No***

*basis to calculate old factor of usage for alternate UU 3.00 TU OZ. What is causing this?*

### RESOLUTION:

When analyzing the database, it was found that Document S/N 23538, when referenced back to the **M\_TRANS\_HIST\_D** table, showed that at one time, this NSN was set to OZ instead of FL. There were two records in the table that needed to be repaired.

The following SQL scripts were run and the change was tested. It is recommended that these scripts be run on the live database to correct the problem.

```
SQL>UPDATE M_TRANS_HIST_D
SQL>SET MTHD_GUM_CD = 'FL'
SQL>WHERE MTHD_MTH_SN ='41894' ;
```

```
SQL>UPDATE M_TRANS_HIST_D
SQL>SET MTHD_GUM_CD = 'FL'
SQL>WHERE MTHD_MTH_SN ='43778' ;
```

*Contributed by Kirk Jones, Dynamac Corporation*

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## PURPOSE OF THIS REPORT

The purpose of this newsletter is to keep the U.S. Army community abreast of ongoing activities associated with the implementation of HSMS and to distribute summary articles that provide useful items of interest to all concerned members. It is recognized that this publication now transcends the Army community and embraces other military services and Federal agencies. This Newsletter is not limited to items of interest focused on the HSMS software but encompasses the entire spectrum of hazardous materials and waste management business practices as they pertain to the HSMS Program.

Everyone is invited to submit articles, problem descriptions, comments, or other pertinent information of interest to fellow members. If possible, keep article size to one-half to three-quarters of a page. Mail (e-mail) your items for publication, and we will add them to the newsletter version that follows their receipt.

**Send all input to:** [HSMSNews@dynamac.com](mailto:HSMSNews@dynamac.com)

*Articles express the opinions of authors, not the Department of Defense or any of its agencies, and do not change or supersede official Army publications.*

## PRIMARY POINTS OF CONTACT

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Randy Chong	USACE Europe	<a href="mailto:Randy.R.Chong@NAU02.usace.army.mil">Randy.R.Chong@NAU02.usace.army.mil</a>
CAO	Customer Assistance Office	(888) 800-7242 hsms@saic.com

***On line???***

***Check out our web site at:***

***[http://aec.army.mil/prod/useaec/et/p2/hsms\\_01.htm](http://aec.army.mil/prod/useaec/et/p2/hsms_01.htm)***

## UPCOMING EVENTS

<b>FEBRUARY 2001</b>	
12-16 February	Tripler Army Medical Center - FIV
12-23 February	Camp Casey, Korea - FAV
12-16 February	10 <sup>th</sup> ASG Okinawa – FIV
13 February	HSMS Users Conference Call for CONUS, Alaska, and Hawaii

20-22 February	McAlester AAP - TSS
<b>MARCH 2001</b>	
5-9 March	Fort Stewart - TSS
5-8 March	FORSCOM Hazardous Materials Conference - Atlanta
12-16 March	Camp Casey, Korea - TSS
19-23 March	9 <sup>th</sup> RSC Hawaii - FIV
26-30 March	Tripler Army Medical Center Hawaii – FIV
26-30 March	Pohakuloa Training Area Hawaii - FIV
<b>APRIL 2001</b>	
16-20 April	Material Support Center Korea - FIV
23-26 April	NDIA Conference – Austin, TX
24 April – 2 May	ADBM Training at APG-EA, MD
24-26 April	Functional User Sustainment Training – APG, MD
30 April – 4 May	Camp Casey, Korea – FIV
<b>APRIL 2001</b>	
30 April – 4 May	Camp Humphreys, Korea – Installation
<b>MAY 2001</b>	
7-11 May	Material Support Center Korea – Installation
7-11 May	Camp Humphreys, Korea – FUT
14-18 May	10 <sup>th</sup> ASG Okinawa – Installation
14-18 May	9 <sup>th</sup> RSC Hawaii – FIV

14-25 May	Camp Humphreys, Korea – Inventory
<b>MAY 2001</b>	
14-18 May	Material Support Center Korea – FUT
21-25 May	10 <sup>th</sup> ASG Okinawa – FUT
21 May – 1 June	Material Support Center Korea – Inventory
29 May – 1 June	10 <sup>th</sup> ASG Okinawa - Inventory
<b>JUNE 2001</b>	
4-8 June	Camp Casey, Korea – FIV
4-8 June	Tripler Army Medical Center, Hawaii – Installation
4-8 June	McAlester AAP – FUT
11-15 June	McAlester AAP – Installation
11-15 June	Pohakuloa Training Area Hawaii – Installation
11-22 June	Tripler Army Medical Center Hawaii – FUT
18-22 June	McAlester AAP – Inventory
<b>JUNE 2001</b>	
18-22 June	Pohakuloa Training Area Hawaii – FUT
18-22 June	9 <sup>th</sup> RSC Hawaii – Installation
25 June – 6 July	Pohakuloa Training Area Hawaii – Inventory
25-29 June	9 <sup>th</sup> RSC Hawaii – FUT
<b>JULY 2001</b>	
2-13 July	Pohakuloa Training Area Hawaii – Inventory

2-13 July	9 <sup>th</sup> RSC Hawaii – Inventory
10-12 July	Functional User Sustainment Training – APG, MD
<b>JULY 2001</b>	
16-20 July	Camp Casey Korea – FIV
30 July – 3 August	Camp Casey Korea – Installation
30 July – 3 August	Fort Stewart – Installation
<b>AUGUST 2001</b>	
6-10 August	Fort Stewart – FUT
6-10 August	Camp Casey Korea – FUT
13 August – 1 September	Fort Stewart – Inventory
13-24 August	Camp Casey Korea – Inventory
20-23 August	P2 Conference San Antonio, TX